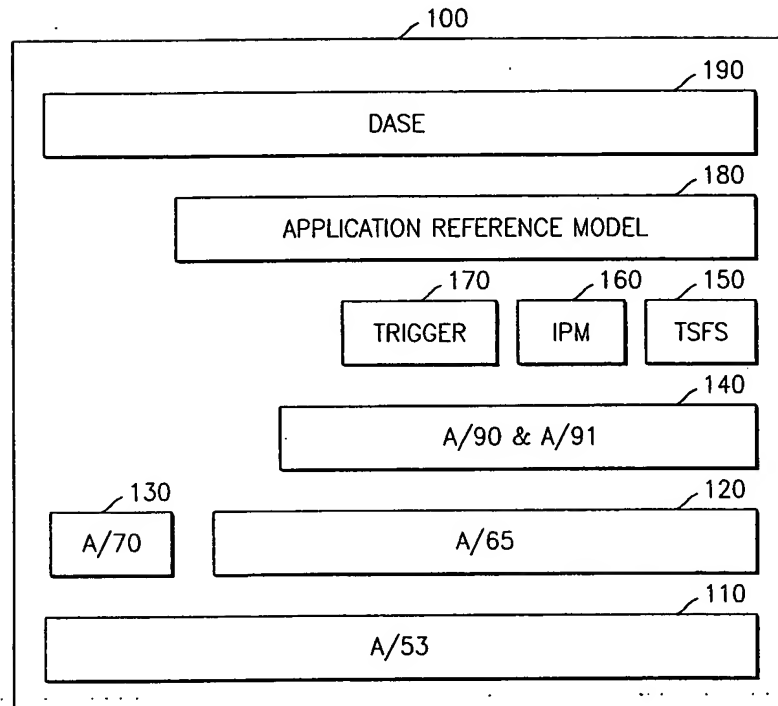
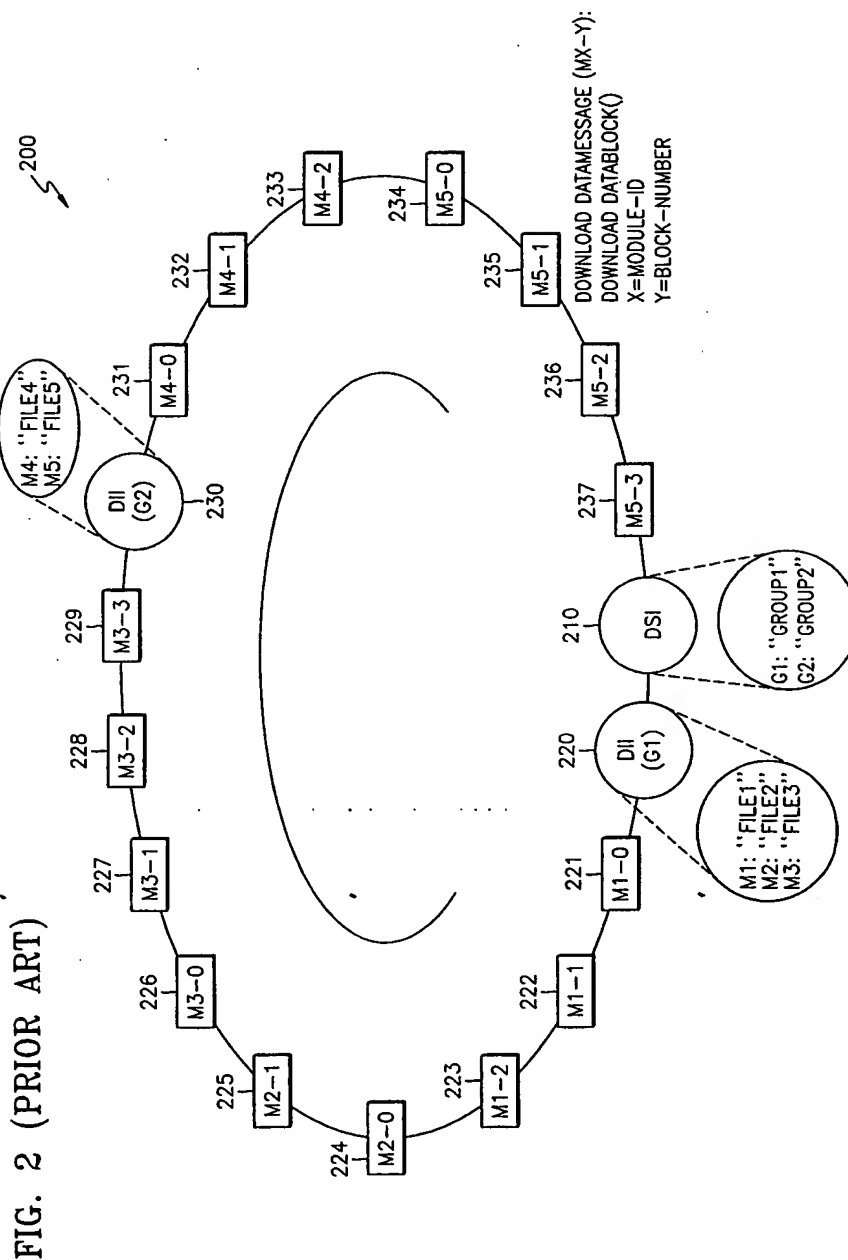




FIG. 1 (PRIOR ART)





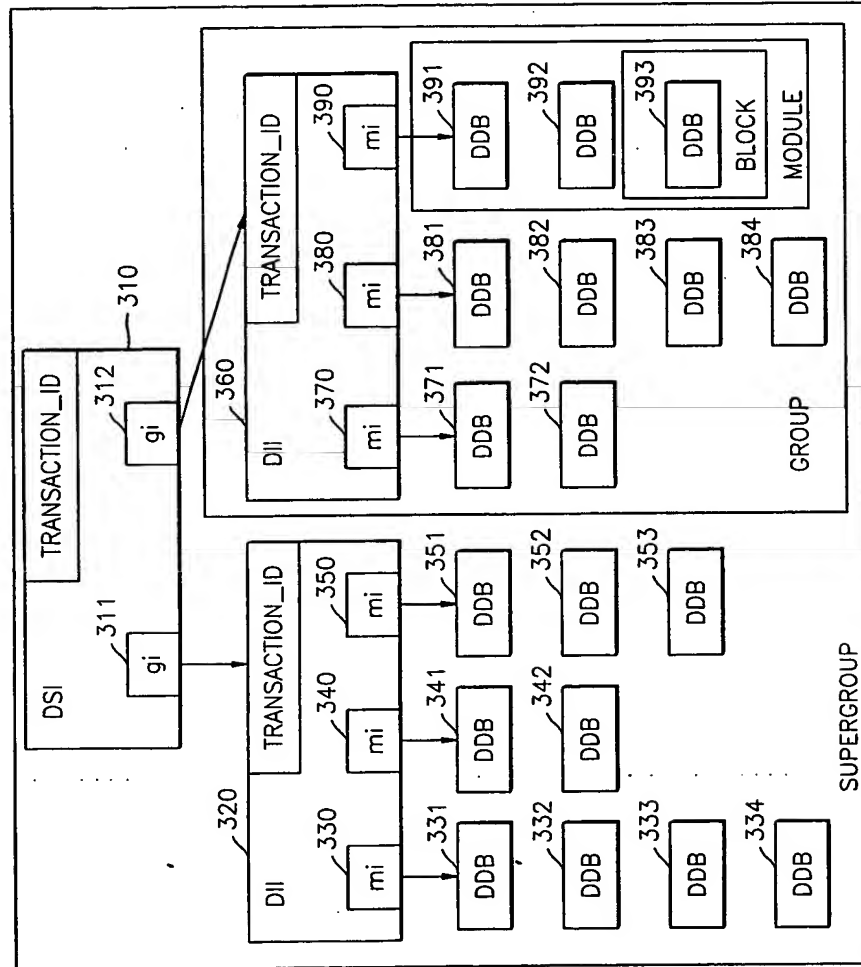


FIG. 3 (PRIOR ART)

FIG. 4

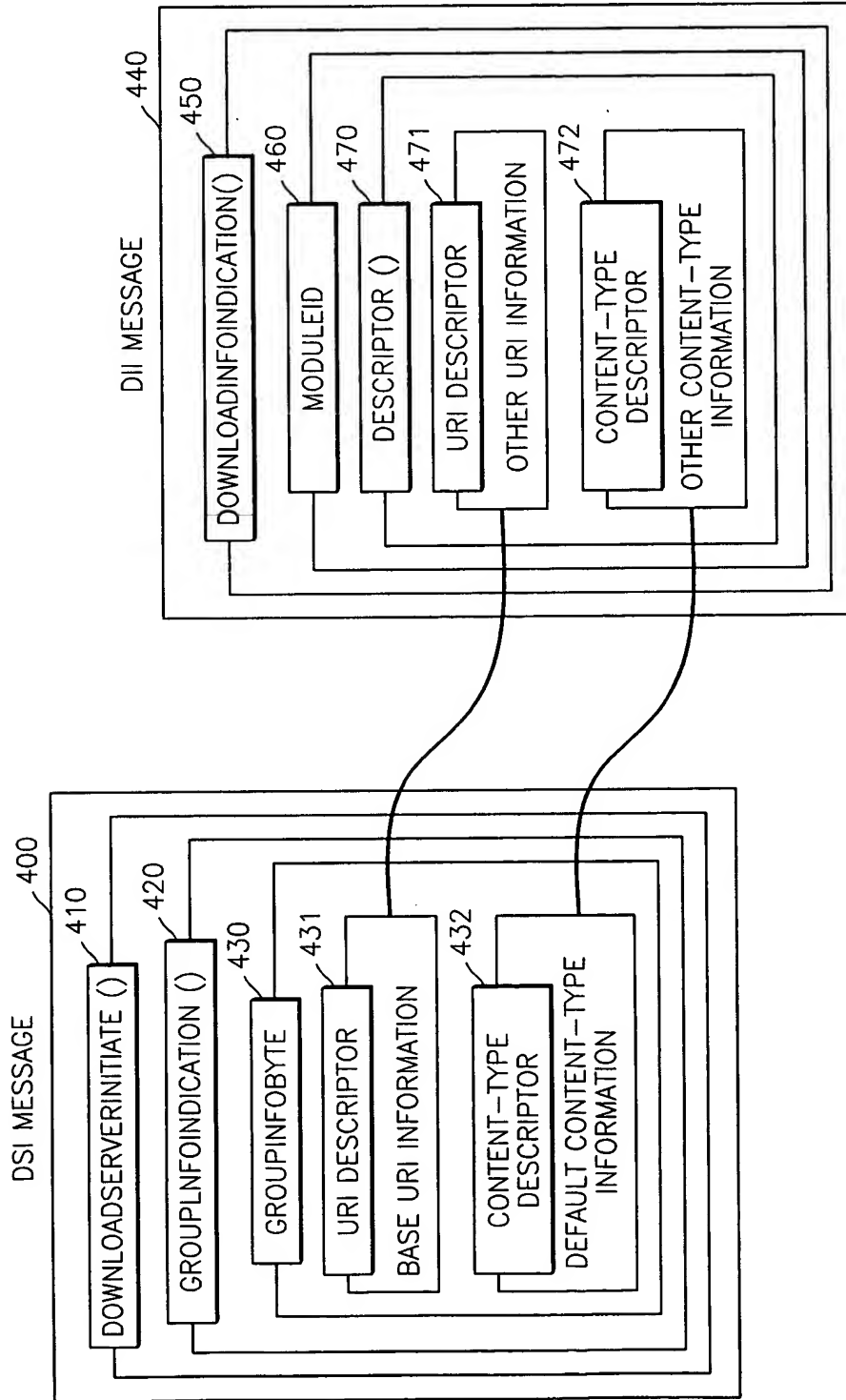


FIG. 5

for(i=0; i<numberOfGroups; i++){
groupid
groupSize
groupCompatibility()
groupInfoLength
for(i=0; i<N;i++){
groupInfoByte
}
}

430

FIG. 6

for(i=0; i<numberOfModules; i++){
moduleId
moduleSize
moduleVersion
moduleInfoLength
for(j=0; j<moduleInfoLength; j++){
descriptor()
}
}

460

470

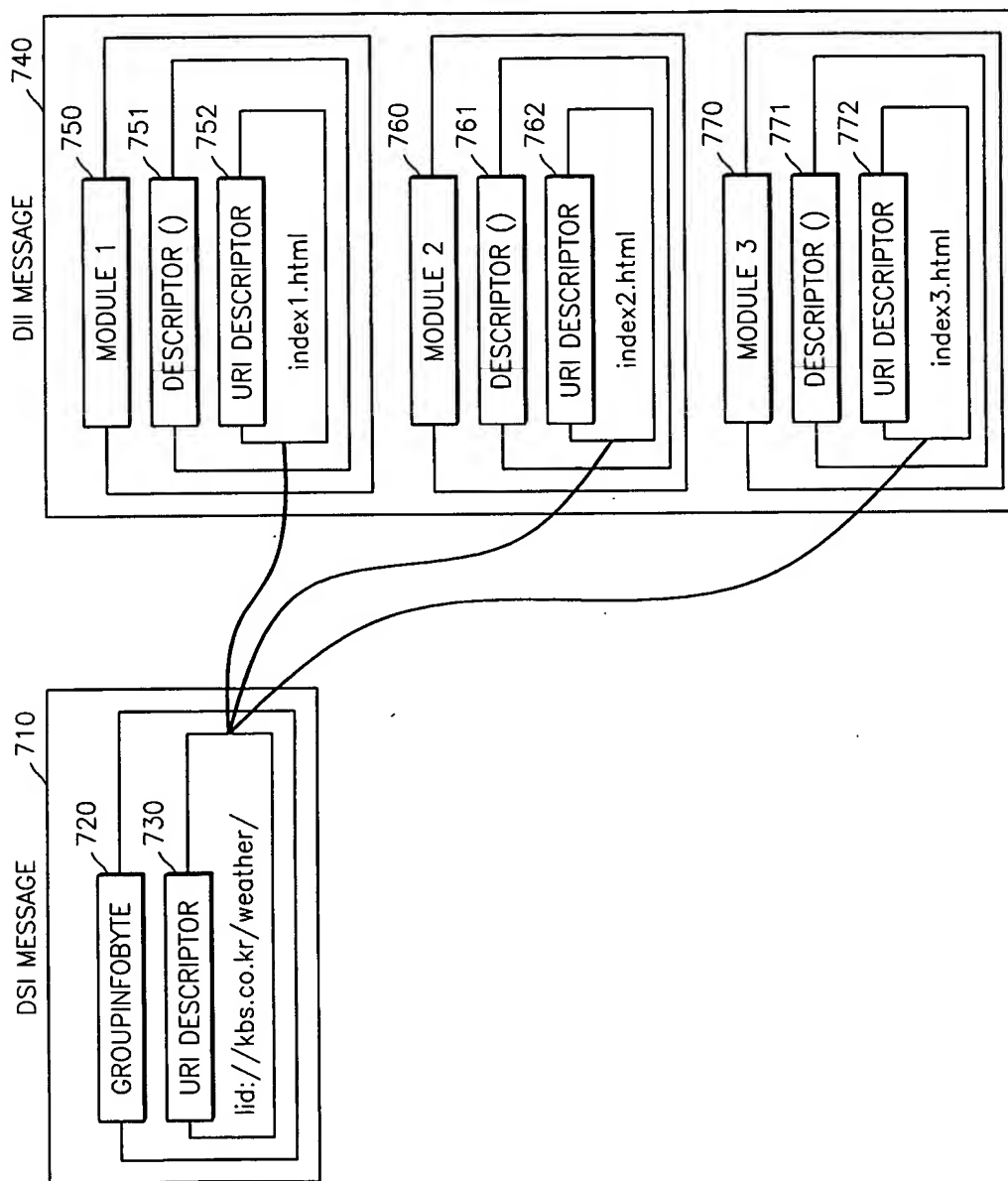


FIG. 7

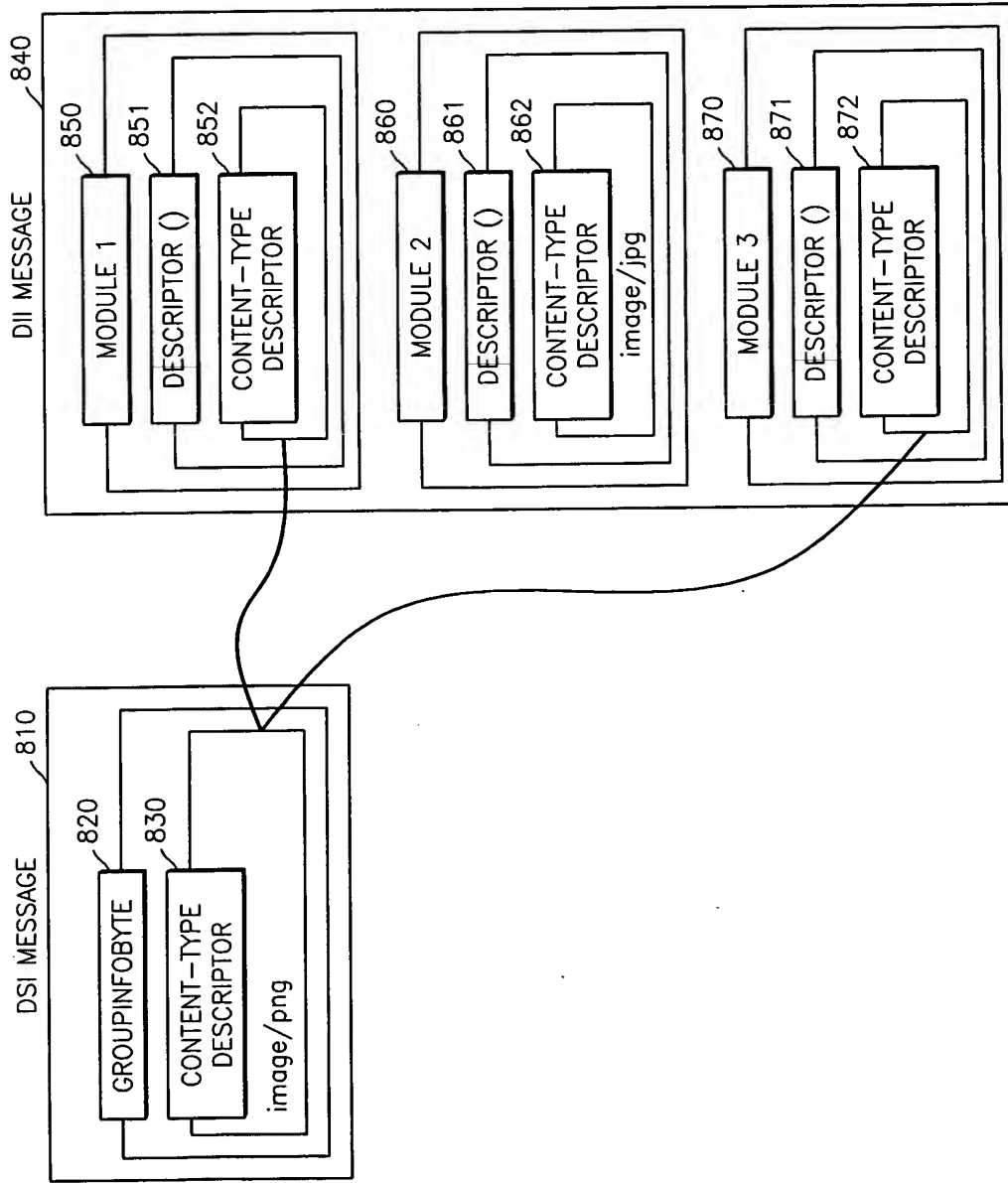


FIG. 8

FIG. 9

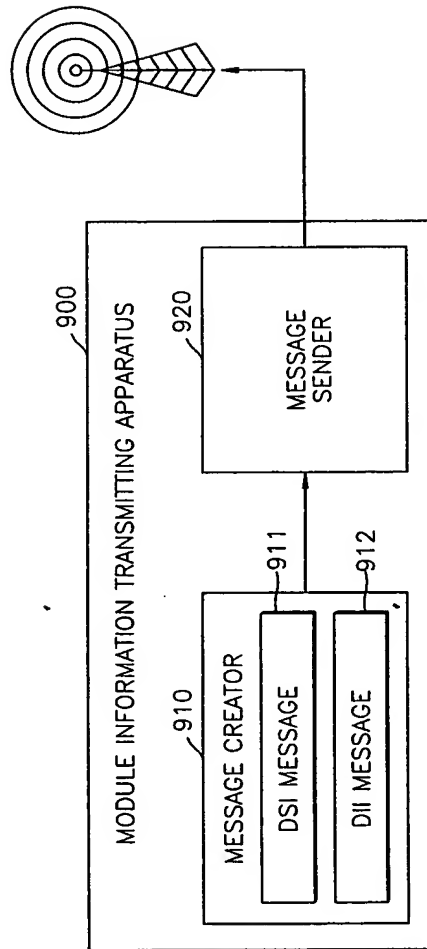


FIG. 10

	BROADCASTER NAME	APPLICATION NAME	NUMBER OF GROUPS	NUMBER OF MODULES
FIRST STREAM	KBS	M13	5	252
SECOND STREAM	MBC	Asian	1	88
THIRD STREAM	SBS	V	1	167
FOURTH STREAM	KBS	M2-1	1	136
FIFTH STREAM	KBS	M2-2	1	70

FIG. 11

(UNIT-BYTE)

	PRE- TRANSMISSION	POST- TRANSMISSION	POST-TRANSMISSION/ PRE-TRANSMISSION
FIRST STREAM	15009	4965	0.33
SECOND STREAM	5155	2350	0.46
THIRD STREAM	7684	4628	0.60
FOURTH STREAM	5807	1914	0.33
FIFTH STREAM	3278	1299	0.40

FIG. 12

(UNIT-BYTE)

	URI DESCRIPTOR		CONTENT-TYPE DESCRIPTOR	
	PRE-TRANSMISSION	POST-TRANSMISSION	PRE-TRANSMISSION	POST-TRANSMISSION
FIRST STREAM	47.0	18.2	12.8	1.6
SECOND STREAM	46.1	24.1	12.5	2.6
THIRD STREAM	33.2	23.3	12.7	4.4
FOURTH STREAM	30.7	11.7	12.0	2.4
FIFTH STREAM	34.4	15.4	12.4	3.1

FIG. 13

DII NUMBER OF MODULES

